



(62)

DOCKET: CU-32689

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Seong Soo JANG et al.

Serial No.: 10/615,899

Group Art Unit: 1746

Filed: July 9, 2003

Examiner: Kornakov, Michail

For: Method for Improving Reliability of Reaction Apparatus

Certification under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to The Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on December 12, 2005.

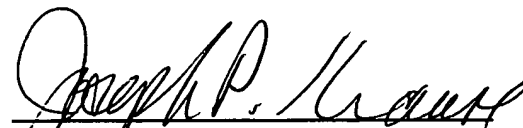

Maggie Pomroy

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT BEFORE MAILING
OF A FINAL ACTION OR THE NOTICE OF ALLOWANCE**

The information disclosure statement submitted herewith is being filed before the mailing date of either a final action under §1.113, or a notice of allowance under §1.311, 37 CFR 1.97(b). The Commissioner is authorized to charge \$180.00 to cover the fee set forth in §1.17(p). The Commissioner is also authorized to charge any other required fees to our Deposit Account No. 12-0400.

Date: December 12, 2005


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DOCKET: CU-3282

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The Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)

Applicants submits herewith patents, publications or other information of which the applicants is are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

No paper copies of the U.S. patent references identified in this IDS, if any, are submitted herewith as they are no longer required by the USPTO rules. Only the copies of foreign patent and/or other relevant publication references are submitted herewith.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise.

The Statement is made on the basis of the information:

- ☒ supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).
- ☒ cited in a corresponding PCT, EPO, and/or foreign application, if any.

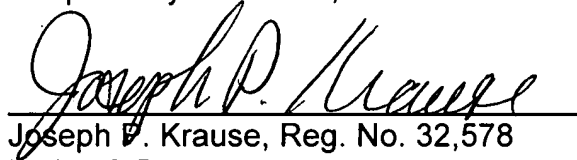
The Statement is made on the basis that the information was not known more than three months before the filing of the present submission of the IDS.

Full translation of the Korean reference submitted herewith is not readily available, but an English language Abstract is attached thereto.

Also enclosed is a Notice of Preliminary Rejection for the certification of 37 CFR 1.97(e) and the English translation thereof issued by the Korean Industrial Patent Office on October 31, 2005 for the Korean counterpart application no. 2002-40773 of this U.S. application.

Date: December 12, 2005

Respectfully submitted,



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Form PTO-1449 (Modified)

FORM PTO-1449	ATTY. DOCKET NO. CU-3282	SERIAL NO. 10/615,899
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Seong Soo JANG et al.	
(37 CFR 1.98(b))	FILING DATE July 9, 2003	GROUP 1746

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLAS S	SUB- CLAS S	FILING DATE IF APPROPRIATE

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES NO
	7 2 9 7 1 3 0	11/10/95	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

Examiner	DATE CONSIDERED
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)